

Bibliographic Information

Glyc erid and ph sphatid derivativ s of prostaglandins. Gordon, Maxwell; Weisbach, Jerry A. (Smith Kline and French Canada Ltd.). Can. (1973), 20 pp. CODEN: CAXXA4 CA 932324 19730821 Patent written in English. Application: CA 71-125851 19711022. CAN 80:82232 AN 1974:82232 CAPLUS

Abstract

Glyceride and phosphatide derivs. of prostaglandins, with extended pharmacol. properties due to their longer half-life in the blood stream, were prepd. by reacting glycerol, mono- or diglycerides, or glycerophosphoric acid derivs. with prostenoic acids. The reactions were either synthetic, in the presence of dicyclohexylcarbodiimide using protective-group chem., or biosynthetic in the presence of phospholipase and cofactors. Approx. 50 compds. were prepd.

1-PhF_{2α}-Ce